

WHAT IS CLAIMED IS:

1. A printed matter comprising:

a first set of information containing at least one of characters, signs, graphics, painted pictures, photographic pictures and computer graphic printed in a form of visually
5 readable; and

a second set of information obtained by coding data and printed in a form of a coded image optically readable to a reading device, said second set of information being different from said first set of information, wherein:

10 said coded image further includes:

output control information for making an output unit of an access device output information for necessary inputting of instructions for causing said access device to perform a sequence of operations of accessing an external information
15 resource, obtaining a third set of information different from said first and second sets of information from the information resource and making said output unit output said obtained third set of information in a perceivable form at the time of operation of said reading device optically reading out said
20 coded image, restoring said second set of information from the read out coded image and making said output unit of said access device adapted to access the external information resource by way of a telecommunication network to output said restored second set of information in a perceivable form.

2. The printed matter according to claim 1, wherein,
when said output unit comprises an image display unit, said
information for inputting instructions necessary for the
operations is provided in the form of an image through which
5 instructions necessary for causing said access device to
perform said sequence of operations are input.

3. The printed matter according to claim 2, wherein
said information for inputting instructions necessary for the
operation provided in the form of the image comprises a link
icon.

4. The printed matter according to claim 1, wherein,
when said output unit comprises a sound output unit, said
information for inputting instructions necessary for the
operations is provided in the form of sound with which
5 instructions necessary for causing said access device to
perform said sequence of operations are input.

5. The printed matter according to claim 1, wherein
said first set of information is basic information and said
second set of information is detailed information relating to
said basic information, while said third set of information is
5 updating information relating to said basic information.

6. An information acquiring method comprising:

reading a coded image from a printed matter by a reading device and restoring a second set of information and output control information from said coded image read by said reading device, said printed matter comprising a first set of information containing at least one of characters, signs, graphics, painted pictures, photographic pictures and computer graphic printed in a form of visually readable and said second set of information obtained by coding data and printed in a form of said coded image optically readable to said reading device, said second set of information being different from said first set of information, said coded image further including said output control information for making an output unit of an access device output information for necessary inputting of instructions for causing said access device to perform a sequence of operations of accessing an external information resource, obtaining a third set of information different from said first and second sets of information from the information resource and making said output unit output said obtained third set of information in a perceivable form at the time of the operation of said reading device optically reading out said coded image, restoring said second set of information from the read out coded image and making said output unit of said access device adapted to access the external information resource by way of a telecommunication

network to output said restored second set of information in a perceivable form; and

outputting said restored second set of information in a form perceivable from said output unit and also said
30 information for inputting instructions necessary for the above operations on the basis of said restored output control information from said output unit.

7. The method according to claim 6, wherein, when said output unit comprises an image display unit, said information for inputting instructions necessary for the operations is provided in the form of an image through which instructions
5 necessary for causing said access device to perform said sequence of operations are input.

8. The method according to claim 7, wherein said information for inputting instructions necessary for the operations provided in the form of the image comprises a link icon.

9. The method according to claim 6, wherein, when said output unit comprises a sound output unit, said information for inputting instructions necessary for the operations is provided in the form of sound with which instructions
5 necessary for causing said access device to perform said sequence of operations are input.

10. The method according to claim 6, wherein said first set of information is basic information and said second set of information is detailed information relating to said basic information, while said third set of information is updating information relating to said basic information.

11. An information acquiring system comprising:

a reading device for optically reading a coded image from a printed matter comprising a first set of information containing at least one of characters, signs, graphics, painted pictures, photographic pictures and computer graphic printed in a form of visually readable and a second set of information obtained by coding data and printed in a form of said coded image optically readable to said reading device, said second set of information being different from said first set of information, wherein said coded image further includes output control information for making an output unit of an access device output information for necessary inputting of instructions for causing said access device to perform a sequence of operations of accessing an external information resource, obtaining a third set of information different from said first and second sets of information from the information resource and making said output unit output said obtained third set of information in a perceivable form at the time of the operation of said reading device optically reading out

20 said coded image, restoring said second set of information
from the read out coded image and making said output unit of
said access device adapted to access the external information
resource by way of a telecommunication network to output said
restored second set of information in a perceivable form;

25 a restoring unit for restoring said second set of
information and said output control information from said
coded image read by said reading device; and

 a control unit for outputting said restored second set of
information in a form perceivable from said output unit and
30 also said information for inputting instructions necessary for
the above operations on the basis of said restored output
control information from said output unit.

12. The system according to claim 11, wherein, when said
output unit comprises an image display unit, said information
for inputting instructions necessary for the operations is
provided in the form of an image through which instructions
5 necessary for causing said access device to perform said
sequence of operations are input.

13. The system according to claim 12, wherein said
information for inputting instructions necessary for the
operations provided in the form of the image comprises a link
icon.

14. The system according to claim 11, wherein, when said output unit comprises a sound output unit, said information for inputting instructions necessary for the operations is provided in the form of sound with which instructions
5 necessary for causing said access device to perform said sequence of operations are input.

15. The system according to claim 11, wherein said first set of information is basic information and said second set of information is detailed information relating to said basic information, while said third set of information is updating
5 information relating to said basic information.

16. An information resource to be used with a printed matter comprising a first set of information containing at least one of characters, signs, graphics, painted pictures, photographic pictures and computer graphic printed in a form
5 of visually readable and a second set of information obtained by coding data and printed in a form of a coded image optically readable to a reading device, said second set of information being different from said first set of information, wherein said coded image further includes output
10 control information for making an output unit of an access device output information for necessary inputting of instructions for causing said access device to perform a sequence of operations of accessing said information resource,

obtaining a third set of information different from said first
15 and second sets of information from said information resource
and making said output unit output said obtained third set of
information in a perceivable form at the time of the operation
of said reading device optically reading out said coded image,
restoring said second set of information from the read out
20 coded image and making said output unit of said access device
adapted to access said information resource by way of a
telecommunication network to output said restored second set
of information in a perceivable form, said second set of
information and said output control information being restored
25 as a result of reading said coded image;

said restored second set of information being output in a
form perceivable from said output unit, said information for
inputting instructions necessary for said operations being
output by said output unit according to said restored output
30 control information; and

said information resource being accessed by said access
device by way of a telecommunication network by utilizing said
information for inputting instructions necessary for said
operation output by said output unit,

35 said information resource comprising:

a communication unit for communicating with said access
device by way of said telecommunication network; and

a memory unit for storing said third set of information
corresponding to said information for inputting instructions

40 necessary for said operation.

17. A program for causing a computer to realize:

a function of reading a coded image from a printed matter by a reading device and restoring a second set of information and output control information from said coded image read by
5 said reading device, said printed matter comprising a first set of information containing at least one of characters, signs, graphics, painted pictures, photographic pictures and computer graphic printed in a form of visually readable and said second set of information obtained by coding data and
10 printed in a form of said coded image optically readable to said reading device, said second set of information being different from said first set of information, said coded image further including said output control information for making an output unit of an access device output information for
15 necessary inputting of instructions for causing said access device to perform a sequence of operations of accessing an external information resource, obtaining a third set of information different from said first and second sets of information from the information resource and making said
20 output unit output said obtained third set of information in a perceivable form at the time of the operation of said reading device optically reading out said coded image, restoring said second set of information from the read out coded image and making said output unit of said access device adapted to

25 access the external information resource by way of a
telecommunication network to output said restored second set
of information in a perceivable form; and

a function of outputting said restored second set of
information in a form perceivable from said output unit and
30 also said information for inputting instructions necessary for
the above operations on the basis of said restored output
control information from said output unit.

18. A printed matter comprising:

a first set of information containing at least one of
characters, signs, graphics, painted pictures, photographic
pictures and computer graphic printed in a form of visually
5 readable image; and

a second set of information obtained by coding data and
printed in a form of a coded image optically readable to a
reading device, wherein:

said coded image further includes:

10 output control information for making an output unit of
an access device output information for necessary inputting of
instructions for causing said access device to perform a
sequence of operations of accessing an external information
resource, obtaining a third set of information from the
15 information resource and making said output unit output said
obtained third set of information at the time of operation of
said reading device optically reading out said coded image,

restoring said second set of information from the read out
coded image and making said access device adapted to access
20 the external information resource by way of a
telecommunication network to output said restored second set
of information.

19. The printed matter according to claim 18, wherein,
when said output unit comprises an image display unit, said
information for inputting instructions necessary for the
operations is provided in the form of an image through which
5 instructions necessary for causing said access device to
perform said sequence of operations are input.

20. The printed matter according to claim 19, wherein
said information for inputting instructions necessary for the
operations provided in the form of the image comprises a link
icon.

21. The printed matter according to claim 18, wherein
said third set of information corresponds to said second set
of information.

22. An information acquiring method comprising:
reading a coded image from a printed matter by a reading
device and restoring a second set of information and output
control information from said coded image read by said reading

5 device, said printed matter comprising a first set of
information containing at least one of characters, signs,
graphics, painted pictures, photographic pictures and computer
graphic printed in a form of visually readable image and said
second set of information obtained by coding data and printed
10 in a form of said coded image optically readable to said
reading device, said coded image further including said output
control information for making an output unit of an access
device output information for necessary inputting of
instructions for causing said access device to perform a
15 sequence of operations of accessing an external information
resource, obtaining a third set of information from the
information resource and making said output unit output said
obtained third set of information at the time of the operation
of said reading device optically reading out said coded image,
20 restoring said second set of information from the read out
coded image and making said output unit of said access device
adapter to access the external information resource by way of
a telecommunication network to output said restored second set
of information; and
25 outputting said restored second set of information from
said output unit and also said information for inputting
instructions necessary for the above operations on the basis
of said restored output control information from said output
unit.

23. The information acquiring method according to claim 22, wherein, when said output unit comprises an image display unit, said information for inputting instructions necessary for the operations is provided in the form of an image through which instructions necessary for causing said access device to perform said sequence of operations are input.

24. The information acquiring method according to claim 23, wherein said information for inputting instructions necessary for the operations provided in the form of the image comprises a link icon.

25. The information acquiring method according to claim 22, wherein said third set of information corresponds to said second set of information.

26. An information acquiring system comprising,
a reading device for optically reading a coded image from a printed matter comprising a first set of information containing at least one of characters, signs, graphics, painted pictures, photographic pictures and computer graphic printed in a form of visually readable image and a second set of information obtained by coding data and printed in a form of said coded image optically readable to said reading device, wherein said coded image further includes output control information for making an output unit of an access device

output information for necessary inputting of instructions for causing said access device to perform a sequence of operations of accessing an external information resource, obtaining a third set of information from the information resource and
15 making said output unit output said obtained third set of information at the time of the operation of said reading device optically reading out said coded image, restoring said second set of information from the read out coded image and making said output unit of said access device adapted to
20 access the external information resource by way of a telecommunication network to output said restored second set of information;

a restoring unit for restoring said second set of information and said output control information from said
25 coded image read by said reading device; and

a control unit for outputting said restored second set of information from said output unit and also said information for inputting instructions necessary for the above operations on the basis of said restored output control information from
30 said output unit.

27. The information acquiring system according to claim 26, wherein, when said output unit comprises an image display unit, said information for inputting instructions necessary for the operations is provided in the form of an image through
5 which instructions necessary for causing said access device to

perform said sequence of operations are input.

28. The information acquiring system according to claim 27, wherein said information for inputting instructions necessary for the operations provided in the form of the image comprises a link icon.

29. The information acquiring system according to claim 26, wherein said third set of information corresponds to said second set of information.

30. An information resource to be used with a printed matter comprising a first set of information containing at least one of characters, signs, graphics, painted pictures, photographic pictures and computer graphic printed in a form of visually readable image and a second set of information obtained by coding data and printed in a form of a coded image optically readable to a reading device, wherein said coded image further includes output control information for making an output unit of an access device output information for necessary inputting of instructions for causing said access device to perform a sequence of operations of accessing said information resource, obtaining a third set of information from said information resource and making said output unit output said obtained third set of information at the time of the operation of said reading device optically reading out

said coded image, restoring said second set of information from the read out coded image and making said output unit of said access device adapted to access said information resource by way of a telecommunication network to output said restored
20 second set of information, said second set of information and said output control information being restored as a result of reading said coded image;

said restored second set of information being output from said output unit, said information for inputting instructions
25 necessary for said operations being output by said output unit according to said restored output control information; and

said information resource being accessed by said access device by way of a telecommunication network by utilizing said information for inputting instructions necessary for said
30 operations output by said output unit,

said information resource comprising:

a communication unit for communicating with said access device by way of said telecommunication network; and

a memory unit for storing said third set of information
35 corresponding to said information for inputting instructions necessary for said operations.

31. The information resource according to claim 30, wherein, when said output unit comprises an image display unit, said information for inputting instructions necessary for the operations is provided in the form of an image through

5 which instructions necessary for causing said access device to perform said sequence of operations are input.

32. The information resource according to claim 31, wherein said information for inputting instructions necessary for the operations provided in the form of the image comprises a link icon.

33. The information resource according to claim 30, wherein said third set of information corresponds to said second set of information.

34. A program for causing a computer to realize:

5 a function of reading a coded image from a printed matter by a reading device and restoring a second set of information and output control information from said coded image read by said reading device, said printed matter comprising a first set of information containing at least one of characters, signs, graphics, painted pictures, photographic pictures and computer graphic printed in a form of visually readable image and said second set of information obtained by coding data and
10 printed in a form of said coded image optically readable to said reading device, said coded image further including said output control information for making an output unit of an access device output information for necessary inputting of instructions for causing said access device to perform a

15 sequence of operations of accessing an external information
resource, obtaining a third set of information from the
information resource and making said output unit output said
obtained third set of information at the time of the operation
of said reading device optically reading out said coded image,
20 restoring said second set of information from the read out
coded image and making said output unit of said access device
adapted to access the external information resource by way of
a telecommunication network to output said restored second set
of information; and

25 a function of outputting said restored second set of
information from said output unit and also said information
for inputting instructions necessary for the above operations
on the basis of said restored output control information from
said output unit.

35. The information resource according to claim 34,
wherein, when said output unit comprises an image display
unit, said information for inputting instructions necessary
for the operations is provided in the form of an image through
5 which instructions necessary for causing said access device to
perform said sequence of operations are input.

36. The information resource according to claim 35,
wherein said information for inputting instructions necessary
for the operations provided in the form of the image comprises

a link icon.

37. The information resource according to claim 34, wherein said third set of information corresponds to said second set of information.